

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S13	48	replacement adj indicator	EPO; JPO; DERWENT	OR	ON	2006/01/12 06:48
S14	18720	(dish adj wash\$3) or dishwash\$3	EPO; JPO; DERWENT	OR	ON	2006/01/12 06:48
S15	524	S14 and (saniti\$7 or steril\$7 or disinfect\$3 or deodori\$7)	EPO; JPO; DERWENT	OR	ON	2006/01/12 06:49
S16	28	S15 and gas	EPO; JPO; DERWENT	OR	ON	2006/01/12 06:49
S17	10736	dishwasher or (dish adj wash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 06:57
S18	572	S17 same (saniti\$7 or steril\$7 or disinfect\$3 or deodori\$7)	US-PGPUB; USPAT	OR	ON	2006/01/12 06:57
S19	14	S18 same gas	US-PGPUB; USPAT	OR	ON	2006/01/12 06:57
S20	1	2002-329670.NRAN.	DERWENT	OR	ON	2006/01/12 07:03
S21	1	("5888528").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/12 07:11
S22	0	S21 and (dish or dishwash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:23
S23	1	("4547381").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/12 07:11
S24	0	S23 and (dish or dishwash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:12
S25	56	(chlorine same gas) same (dish or dishwash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:17
S26	3301	(gas) same (dish or dishwash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:17
S27	286	S26 same (antimicrobial or sanit\$7 or disinfect\$3 or steril\$7 or deodori\$7)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:17
S28	267	S27 not S25	US-PGPUB; USPAT	OR	ON	2006/01/12 07:17
S29	129	S26 same (gas with (antimicrobial or sanit\$7 or disinfect\$3 or steril\$7 or deodori\$7))	US-PGPUB; USPAT	OR	ON	2006/01/12 07:18
S30	115	S29 not S25	US-PGPUB; USPAT	OR	ON	2006/01/12 07:18
S31	161	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and (dish or dishwash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:40
S32	12	("5176297").URPN.	USPAT	OR	ON	2006/01/12 07:31
S33	0	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (detergent)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:40

S34	1	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (sanitizing or sanitizer)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:41
S35	128	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and detergent	US-PGPUB; USPAT	OR	ON	2006/01/12 07:45
S36	4	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (sterilant or sterilizing)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:47
S37	0	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (disinfectant or disinfecting)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:46
S38	18	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and (disinfectant or disinfecting)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:46
S39	32	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and (sterilant or sterilizing)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:49
S40	3	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (antimicrobial or microbicid\$2)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:49
S41	81	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and (antimicrobial or microbicid\$2)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:51
S42	3	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) same (deodorant or deodorizing)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:53
S43	7	((replac\$5 adj indicat\$4) or (indicat\$4 adj replac\$5)) and (deodorant or deodorizing)	US-PGPUB; USPAT	OR	ON	2006/01/12 07:53
S44	14	("5492675").URPN.	USPAT	OR	ON	2006/01/12 07:54
S45	3544	(222/23-50).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/12 08:19
S46	227	(222/66).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/12 08:19
S48	152	S45 and replacement	US-PGPUB; USPAT	OR	ON	2006/01/12 08:25
S49	1	("3453083").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/12 09:03

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("4921129").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/12 09:17
L2	2	("4921129").URPN.	USPAT	OR	ON	2006/01/12 09:18
L3	22	refrigerat\$3 same (replacement with (indicat\$3))	USPAT	OR	ON	2006/01/12 09:29
L4	11	refrigerat\$3 same (replacement with (indicat\$3))	EPO; JPO; DERWENT	OR	ON	2006/01/12 09:34
L5	1	2005-338121.NRAN.	DERWENT	OR	ON	2006/01/12 09:33
L6	1	2005-338121.NRAN.	DERWENT	OR	ON	2006/01/12 09:33
L7	26	refrigerat\$3 and (replacement with (indicat\$3))	EPO; JPO; DERWENT	OR	ON	2006/01/12 09:36
L8	15	7 not 4	EPO; JPO; DERWENT	OR	ON	2006/01/12 09:34
L9	3	refrigerat\$3 and (replacement with consumable)	EPO; JPO; DERWENT	OR	ON	2006/01/12 09:37
L10	32	refrigerat\$3 and (replacement with consumable)	US-PGPUB; USPAT	OR	ON	2006/01/12 09:37
L11	1	1998-379536.NRAN.	DERWENT	OR	ON	2006/01/12 09:41

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	233	replacement adj indicator	US-PGPUB; USPAT	OR	ON	2006/01/11 11:10
S3	10	S2 and "422"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/11 11:06
S4	0	S2 with (steril\$5 or deodori\$6)	US-PGPUB; USPAT	OR	ON	2006/01/11 11:07
S5	3	S2 same (steril\$5 or deodori\$6)	US-PGPUB; USPAT	OR	ON	2006/01/11 11:07
S6	7	(cartridge or container) with (replacement adj indicator)	US-PGPUB; USPAT	OR	ON	2006/01/11 12:33
S7	10723	dishwasher or (dish adj wash\$3)	US-PGPUB; USPAT	OR	ON	2006/01/11 12:34
S8	9	S7 and (replacement adj2 indicat\$3)	US-PGPUB; USPAT	OR	ON	2006/01/11 12:38
S9	221	S7 and (deodori\$6)	US-PGPUB; USPAT	OR	ON	2006/01/11 12:40
S10	9	S9 and "134"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/11 12:39
S11	58	S7 same (deodori\$6)	US-PGPUB; USPAT	OR	ON	2006/01/11 12:40
S12	57	S11 not S10	US-PGPUB; USPAT	OR	ON	2006/01/11 12:40

## End of Result Set

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L1: Entry 1 of 1

File: DWPI

Jul 3, 1998

DERWENT-ACC-NO: 1998-379536

DERWENT-WEEK: 199833

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TITLE: Refrigerator, with gas absorption and compartmented storage case - has material absorbing food emanations e.g. odours, in door and in removable compartmented case, and recirculating fans

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
DREAN H L M	DREAI

PRIORITY-DATA: 1996FR-0016174 (December 30, 1996)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> FR 2757935 A1	July 3, 1998		011	F25D023/12

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
FR 2757935A1	December 30, 1996	1996FR-0016174	

INT-CL (IPC): F25 D 11/00; F25 D 23/12

ABSTRACTED-PUB-NO: FR 2757935A

## BASIC-ABSTRACT:

The refrigerator had recirculating fans (324) inside the insulated door (2) which draw air in (6) and drive it down through enclosures holding granular material (323) which eliminates odours and transforms volatile emanations from food into e.g. CO<sub>2</sub>, providing a dry atmosphere which discourages noxious organisms. The air then leaves through bottom vents (7), so completing its circulation through the cabinet.

The latter contains a case (3), sliding on shelf rails (5). Vertical side channels facilitate air circulation. The case is divided into small food compartments accessed via front doors. Further absorbent granules placed in withdrawable trays within double-skinned perforated compartment ceilings, filter air ventilating the compartment through suitably located inlets and outlets. Front indicators warn when trays need replacement.

ADVANTAGE - Life of refrigerated contents extended and their condition improved.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: REFRIGERATE GAS ABSORB COMPARTMENT STORAGE CASE MATERIAL ABSORB FOOD  
ODOUR DOOR REMOVE COMPARTMENT CASE RECIRCULATE FAN

DERWENT-CLASS: Q75 X27

EPI-CODES: X27-F01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-296796

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